
MPEERH

(TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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MPSrch_pp protein - protein database search, using Smith-Waterman algorithm

Run on: Thu Dec 23 10:09:28 1999; MasPar time 1.45 Seconds
49.286 Million cell updates/sec

Tabular output not generated.

Title: >US-09-177-843-1
Description: (1-6) from US09177843.ppep
Perfect Score: 41
Sequence: 1 GRGDSP 6

Scoring table: PAM 150
Gap 15

Searched: 122461 seqs, 11912985 residues

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: a-issued
1:5A_COMB 2:5B_COMB 3:PC9_COMB 4:backfiles1

Statistics: Mean 13.139; Variance 32.015; scale 0.410

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description	Pred. No.
1	41	100.0	6	4	5498499-11 Patent No. 5498499.	4.29e+01
2	41	100.0	6	4	5310729-46 Patent No. 5310729.	4.29e+01
3	41	100.0	6	3	PCT-US95-0 Sequence 10, Applicati	4.29e+01
4	41	100.0	6	3	PCT-US95-0 Sequence 4, Applicatio	4.29e+01
5	41	100.0	6	3	PCT-US95-0 Sequence 13, Applicati	4.29e+01
6	41	100.0	6	3	PCT-US95-0 Sequence 2, Applicatio	4.29e+01
7	41	100.0	6	3	PCT-US95-0 Sequence 2, Applicatio	4.29e+01
8	41	100.0	6	2	US-08-447- Sequence 2, Applicatio	4.29e+01
9	41	100.0	6	2	US-08-585- Sequence 7, Applicatio	4.29e+01
10	41	100.0	6	2	US-08-625- Sequence 2, Applicatio	4.29e+01
11	41	100.0	6	2	US-08-723- Sequence 1, Applicatio	4.29e+01
12	41	100.0	6	2	US-08-893- Sequence 5, Applicatio	4.29e+01
13	41	100.0	6	2	US-08-445- Sequence 2, Applicatio	4.29e+01
14	41	100.0	7	3	PCT-US95-0 Sequence 5, Applicatio	4.29e+01
15	41	100.0	7	3	PCT-US95-1 Sequence 2, Applicatio	4.29e+01
16	41	100.0	7	3	PCT-US96-0 Sequence 10, Applicati	4.29e+01
17	41	100.0	7	2	US-08-747- Sequence 73, Applicati	4.29e+01
18	41	100.0	7	2	US-08-747- Sequence 182, Applicat	4.29e+01
19	41	100.0	7	2	US-08-747- Sequence 183, Applicat	4.29e+01
20	41	100.0	8	3	PCT-US95-0 Sequence 9, Applicatio	4.29e+01
21	41	100.0	8	3	PCT-US95-0 Sequence 10, Applicati	4.29e+01
22	41	100.0	9	2	US-08-849- Sequence 27, Applicati	4.29e+01
23	41	100.0	9	2	US-08-849- Sequence 28, Applicati	4.29e+01

24	41	100.0	9	2	US-08-849- Sequence 18, Applicati	4.29e+01
25	41	100.0	9	2	US-08-849- Sequence 25, Applicati	4.29e+01
26	41	100.0	9	2	US-08-849- Sequence 24, Applicati	4.29e+01
27	41	100.0	9	2	US-08-849- Sequence 49, Applicati	4.29e+01
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29	41	100.0	9	2	US-08-849- Sequence 44, Applicati	4.29e+01
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32	41	100.0	10	4	5318899-36 Patent No. 5318899.	4.29e+01
33	41	100.0	10	2	US-08-747- Sequence 184, Applicati	4.29e+01
34	41	100.0	21	3	PCT-US95-0 Sequence 14, Applicati	4.29e+01
35	41	100.0	24	4	5171680-13 Patent No. 5171680.	4.29e+01
36	41	100.0	25	4	5180811-3 Patent No. 5180811.	4.29e+01
37	41	100.0	26	2	US-08-707- Sequence 16, Applicatio	4.29e+01
38	41	100.0	39	2	US-08-436- Sequence 5, Applicatio	4.29e+01
39	41	100.0	176	4	5180811-12 Patent No. 5180811.	4.29e+01
40	41	100.0	187	4	5180811-13 Patent No. 5180811.	4.29e+01
41	41	100.0	491	3	PCT-US92-1 Sequence 2, Applicatio	4.29e+01
42	41	100.0	1336	2	US-08-551- Sequence 6, Applicatio	4.29e+01
43	41	100.0	2324	3	PCT-US95-0 Sequence 1, Applicatio	4.29e+01
44	41	100.0	2327	4	5455158-1 Patent No. 5455158.	4.29e+01
45	41	100.0	2386	2	US-09-016- Sequence 12, Applicati	4.29e+01

ALIGNMENTS

RESULT 1
ID 5498499-11 STANDARD; PRT; 6 AA.
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AC xxxxxx
XX 01-JAN-1900
XX Patent No. 5498499.
XX Patent No. 5498499
CC APPLICANT: FLOW, EDWARD F.; GINSBERG, MARK H.; LOFTUS, JOSEPH C.
CC TITLE OF INVENTION: PEPTIDES AND ANTIBODIES THAT INHIBIT PLATELET ADHESION
CC NUMBER OF SEQUENCES: 15
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/883,669
CC FILING DATE: 15-MAY-1992
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 70,953
CC FILING DATE: 08-JUL-1987
CC APPLICATION NUMBER: 175,342
CC FILING DATE: 31-MAR-1988
CC SEQ ID NO: 11:
CC LENGTH: 6
SQ SEQUENCE 6 AA; 588 MW; 222 CN;

Query Match 100.0%; Score 41; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 GRGDSP 6
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QY 1 GRGDSP 6

RESULT 2
ID 5310729-46 STANDARD; PRT; 6 AA.
XX
AC xxxxxx
XX 01-JAN-1900
XX Patent No. 5310729.

CC Patent No. 5310729
CC APPLICANT: LERNHARDT, WALDEMAR
CC TITLE OF INVENTION: INTERFERON-RELATED POLYPEPTIDES AS CR2

CC LIGANDS AND THEIR USE FOR MODULATING IMMUNE FUNCTIONS
CC NUMBER OF SEQUENCES: 47
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/512.118
CC FILING DATE: 20-APR-1990
CC SEQ ID NO: 46;
CC LENGTH: 6
CC SEQUENCE: 6 AA; 588 MW; 222 CN;
Query Match 100.0%; Score 41; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 GRGDSP 6
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ID PCT-US95-07542-10 STANDARD; PRT; 6 AA.
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AC xxxxxx
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DT
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DE
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XX
CC Sequence 10, Application PC/TUS9507542
CC GENERAL INFORMATION:
CC APPLICANT:
CC TITLE OF INVENTION: STRUCTURAL MODELS FOR CYTOPLASMIC
CC NUMBER OF SEQUENCES: 20
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/07542
CC FILING DATE: 13-JUN-1995
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: USSN 08/260,514
CC FILING DATE: 15-JUN-1994
CC INFORMATION FOR SEQ ID NO: 10:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 6 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC ORIGINAL SOURCE:
CC ORGANISM: Competitive inhibitor of integrin binding
CC SEQUENCE 6 AA; 588 MW; 222 CN;
Query Match 100.0%; Score 41; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 GRGDSP 6
QY 1 GRGDSP 6
RESULT 4
ID PCT-US95-04741-4 STANDARD; PRT; 6 AA.
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DT
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CC Sequence 4, Application PC/TUS9504741

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CC Sequence 4, Application PC/TUS9504741
CC GENERAL INFORMATION:
CC APPLICANT: La Jolla Cancer Research Foundation
CC TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
CC TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis
CC NUMBER OF SEQUENCES: 30
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Campbell and Flores
CC STREET: 4370 La Jolla Village Drive, Suite 700
CC CITY: San Diego
CC STATE: California
CC COUNTRY: USA
CC ZIP: 92122
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/04741
CC FILING DATE: 12-APR-1995
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/227,316
CC FILING DATE: 13-APR-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/303,052
CC FILING DATE: 08-SEP-1994
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Imbra, Richard J.
CC REGISTRATION NUMBER: 37,643
CC REFERENCE/DOCKET NUMBER: FP-LA 1476
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (619) 535-9001
CC TELEFAX: (619) 535-8949
CC INFORMATION FOR SEQ ID NO: 4:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 6 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
CC SEQUENCE 6 AA; 588 MW; 222 CN;
Query Match 100.0%; Score 41; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 GRGDSP 6
QY 1 GRGDSP 6
RESULT 5
ID PCT-US95-02885-13 STANDARD; PRT; 6 AA.
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AC xxxxxx
XX
DT
DT
XX
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DE
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CC Sequence 13, Application PC/TUS9502885
CC GENERAL INFORMATION:
CC APPLICANT: Ginsberg, Mark H.
CC APPLICANT: O'Toole, Timothy
CC TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS
CC TITLE OF INVENTION: OF INTEGRIN ACTIVATION
CC NUMBER OF SEQUENCES: 19
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Fish & Richardson
CC STREET: 225 Franklin Street
CC CITY: Boston

CC	STATE:	Massachusetts
CC	COUNTRY:	U.S.A.
CC	ZIP:	02110-2804
CC	COMPUTER READABLE FORM:	
CC	MEDIUM TYPE:	3.5" Diskette, 1.44 Mb
CC	COMPUTER:	IBM PS/2 Model 50Z or 55SX
CC	OPERATING SYSTEM:	MS-DOS (Version 5.0)
CC	SOFTWARE:	WordPerfect (Version 5.1)
CC	CURRENT APPLICATION DATA:	
CC	APPLICATION NUMBER:	PCT/US95/02885
CC	FILING DATE:	
CC	CLASSIFICATION:	
CC	PRIOR APPLICATION DATA:	
CC	APPLICATION NUMBER:	08/214,770
CC	FILING DATE:	March 14, 1994
CC	ATTORNEY/AGENT INFORMATION:	
CC	NAME:	Clark, Paul T.
CC	REGISTRATION NUMBER:	30,162
CC	REFERENCE/DOCKET NUMBER:	06410/002001
CC	TELECOMMUNICATION INFORMATION:	
CC	TELEPHONE:	(617) 542-5070
CC	TELEFAX:	(617) 542-8906
CC	TELEX:	200154
CC	INFORMATION FOR SEQ ID NO: 13:	
CC	SEQUENCE CHARACTERISTICS:	
CC	LENGTH:	6
CC	TYPE:	amino acid
CC	STRANDEDNESS:	
CC	TOPOLOGY:	linear
CC	SEQUENCE	6 AA; 588 MW; 222 CN;
SQ	SEQUENCE	100.0%; Score 41; DB 3; Length 6; Best Local Similarity 100.0%; Pred. No. 4.29e+01; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY	1 GRGDSP	6
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AC	xxxxxx	
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DE	Sequence 2, Application PC/TUS9509282	
CC	Sequence 2, Application PC/TUS9509282	
CC	GENERAL INFORMATION:	
CC	APPLICANT:	Cytotherapeutics, Inc.
CC	TITLE OF INVENTION:	COMPOSITIONS AND METHODS FOR A BIARTIFICIAL EXTRACELLULAR MATRIX
CC	TITLE OF INVENTION:	BIARTIFICIAL EXTRACELLULAR MATRIX
CC	NUMBER OF SEQUENCES:	4
CC	CORRESPONDENCE ADDRESSES:	
CC	ADDRESSEE:	James F. Haley, Jr., FISH & NEAVE
CC	STREET:	1251 Ave. of the Americas
CC	CITY:	New York
CC	STATE:	New York
CC	COUNTRY:	USA
CC	ZIP:	10020-1104
CC	COMPUTER READABLE FORM:	
CC	MEDIUM TYPE:	Floppy disk
CC	COMPUTER:	IBM PC compatible
CC	OPERATING SYSTEM:	PC-DOS/MS-DOS
CC	SOFTWARE:	Patentin Release #1.0, Version #1.25
CC	CURRENT APPLICATION DATA:	
CC	APPLICATION NUMBER:	PCT/US95/09282
CC	FILING DATE:	
CC	CLASSIFICATION:	
CC	PRIOR APPLICATION DATA:	
CC	APPLICATION NUMBER:	US 08/280,646

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CC LENGTH: 6 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC SEQUENCE 6 AA; 588 MW; 222 CN;

Query Match 100.0%; Score 41; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 GRGDSP 6
QY 1 GRGDSP 6

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ID US-08-447-810-2 STANDARD; PRT; 6 AA.
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AC xxxxxx
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DE Sequence 2, Application US/08447810
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XX Sequence 2, Application US/08447810
CC Patent No. 5858747
CC GENERAL INFORMATION:
CC APPLICANT: Schinstine, Malcolm
CC APPLICANT: Shoichet, Molly S.
CC APPLICANT: Gentile, Frank T.
CC APPLICANT: Hamman, Joseph P.
CC APPLICANT: Holland, Laura M.
CC APPLICANT: Cain, Brian M.
CC APPLICANT: Doherty, Edward J.
CC APPLICANT: Winn, Shelley R.
CC APPLICANT: Aebischer, Patrick
CC TITLE OF INVENTION: METHODS AND COMPOSITIONS OF GROWTH CONTROL
CC TITLE OF INVENTION: FOR CELLS ENCAPSULATED IN BIOARTIFICIAL ORGANS
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: James F. Haley, Jr., FISH & NEAVE
CC STREET: 1251 Ave. of the Americas
CC CITY: New York
CC STATE: New York
CC COUNTRY: USA
CC ZIP: 10020-1104
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA: US/08/447.810
CC FILING DATE:
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Haley Jr., James F.
CC REGISTRATION NUMBER: 27,794
CC REFERENCE/DOCKET NUMBER: CFI-22 CIP
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (212) 596-9000
CC TELEFAX: (212) 596-9090
CC INFORMATION FOR SEQ ID NO: 2:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 6 amino acids

CC LENGTH: 6 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC SEQUENCE 6 AA; 588 MW; 222 CN;

Query Match 100.0%; Score 41; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 GRGDSP 6
QY 1 GRGDSP 6

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DE Sequence 7, Application US/08585281
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XX Sequence 7, Application US/08585281
CC Patent No. 5858972
CC GENERAL INFORMATION:
CC APPLICANT: Pierschbacher, Michael D.
CC APPLICANT: Mullen, Daniel G.
CC TITLE OF INVENTION: Antithrombotic Agents and Methods of Use
CC NUMBER OF SEQUENCES: 11
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Campbell & Flores LLP
CC STREET: 4370 La Jolla Village Drive, Suite 700
CC CITY: San Diego
CC STATE: California
CC COUNTRY: United States
CC ZIP: 92122
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/585,281
CC FILING DATE: 11-JAN-1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Campbell, Cathryn A.
CC REGISTRATION NUMBER: 31,815
CC REFERENCE/DOCKET NUMBER: P-LA 1902
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (619) 535-9001
CC TELEFAX: (619) 535-8949
CC INFORMATION FOR SEQ ID NO: 7:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 6 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
CC SEQUENCE 6 AA; 588 MW; 222 CN;

Query Match 100.0%; Score 41; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 GRGDSP 6
QY 1 GRGDSP 6

RESULT 9
ID US-08-585-281-7 STANDARD; PRT; 6 AA.
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AC xxxxxx
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DE
DE Sequence 7, Application US/08585281
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XX Sequence 7, Application US/08585281
CC Patent No. 5858972
CC GENERAL INFORMATION:
CC APPLICANT: Pierschbacher, Michael D.
CC APPLICANT: Mullen, Daniel G.
CC TITLE OF INVENTION: Antithrombotic Agents and Methods of Use
CC NUMBER OF SEQUENCES: 11
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Campbell & Flores LLP
CC STREET: 4370 La Jolla Village Drive, Suite 700
CC CITY: San Diego
CC STATE: California
CC COUNTRY: United States
CC ZIP: 92122
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/585,281
CC FILING DATE: 11-JAN-1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Campbell, Cathryn A.
CC REGISTRATION NUMBER: 31,815
CC REFERENCE/DOCKET NUMBER: P-LA 1902
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (619) 535-9001
CC TELEFAX: (619) 535-8949
CC INFORMATION FOR SEQ ID NO: 7:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 6 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
CC SEQUENCE 6 AA; 588 MW; 222 CN;

Query Match 100.0%; Score 41; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 GRGDSP 6
QY 1 GRGDSP 6
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CC	CURRENT APPLICATION DATA:
CC	APPLICATION NUMBER: US/08/893,853
CC	FILING DATE:
CC	CLASSIFICATION:
CC	ATTORNEY/AGENT INFORMATION:
CC	NAME: Bak, Mary E.
CC	REGISTRATION NUMBER: 31,215
CC	REFERENCE/DOCKET NUMBER: GGP2USA
CC	TELECOMMUNICATION INFORMATION:
CC	TELEPHONE: 215-540-9200
CC	TELEFAX: 215-540-5818
CC	INFORMATION FOR SEQ ID NO: 5:
CC	SEQUENCE CHARACTERISTICS:
CC	LENGTH: 6 amino acids
CC	TYPE: amino acid
CC	STRANDEDNESS:
CC	TOPOLOGY: linear
CC	MOLECULE TYPE: peptide
CC	SEQUENCE 6 AA; 588 MW; 222 CN;
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Best Local Similarity 100.0%; Pred. No. 4.29e+01;	
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
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QY	1 GRGDSP 6
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AC	xxxxxx
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Sequence 2, Application US/08445193	
Sequence 2, Application US/08445193	
Patent No. 5840576	
GENERAL INFORMATION:	
APPLICANT: Schinstine, Malcolm	
APPLICANT: Shoichet, Molly S.	
APPLICANT: Gentile, Frank T.	
APPLICANT: Hamang, Joseph P.	
APPLICANT: Holland, Laura M.	
APPLICANT: Cain, Brian W.	
APPLICANT: Doherty, Edward J.	
APPLICANT: Winn, Shelley R.	
APPLICANT: Aebischer, Patrick	
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF GROWTH CONTROL	
TITLE OF INVENTION: FOR CELLS ENCAPSULATED IN BIOARTIFICIAL ORGANS	
NUMBER OF SEQUENCES: 4	
CORRESPONDENCE ADDRESS:	
ADDRESSER: James F. Haley, Jr., FISH & NEAVE	
STREET: 1251 Ave. of the Americas	
CITY: New York	
STATE: New York	
COUNTRY: USA	
ZIP: 10020-1104	
COMPUTER READABLE FORM:	
MEDIUM TYPE: Floppy disk	
COMPUTER: IBM PC compatible	
OPERATING SYSTEM: PC-DOS/MS-DOS	
SOFTWARE: PatentIn Release #1.0, Version #1.25	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/445,193	
FILING DATE:	
CLASSIFICATION: 435	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: 08/432,698	
FILING DATE: 09-MAY-1995	
APPLICATION NUMBER: US 08/279,773	
SEQUENCE CHARACTERISTICS:	
LENGTH: 6 amino acids	
TYPE: amino acid	
STRANDEDNESS:	
TOPOLOGY: linear	
MOLECULE TYPE: peptide	
SEQUENCE 6 AA; 588 MW; 222 CN;	
SQ	
Query Match 100.0%; Score 41; DB 2; Length 6;	
Best Local Similarity 100.0%; Pred. No. 4.29e+01;	
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
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Sequence 5, Application PC/TUS9504741	
Sequence 5, Application PC/TUS9504741	
GENERAL INFORMATION:	
APPLICANT: La Jolla Cancer Research Foundation	
TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone	
TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis	
NUMBER OF SEQUENCES: 30	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Campbell and Flores	
STREET: 4370 La Jolla Village Drive, Suite 700	
CITY: San Diego	
STATE: California	
COUNTRY: USA	
ZIP: 92122	
COMPUTER READABLE FORM:	
MEDIUM TYPE: Floppy disk	
COMPUTER: IBM PC compatible	
OPERATING SYSTEM: PC-DOS/MS-DOS	
SOFTWARE: PatentIn Release #1.0, Version #1.25	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: PCT/US95/04741	
FILING DATE: 12-APR-1995	
CLASSIFICATION:	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: US 08/227,316	
FILING DATE: 13-APR-1994	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: US 08/303,052	
FILING DATE: 08-SEP-1994	
ATTORNEY/AGENT INFORMATION:	
NAME: Imbra, Richard J.	
REGISTRATION NUMBER: 37,643	
REFERENCE/DOCKET NUMBER: FP-LA 1476	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (619) 535-9001	
TELEFAX: (619) 535-8949	
INFORMATION FOR SEQ ID NO: 5:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 6 amino acids	
TYPE: amino acid	
STRANDEDNESS:	
TOPOLOGY: linear	
MOLECULE TYPE: peptide	
SEQUENCE 6 AA; 588 MW; 222 CN;	
SQ	
Query Match 100.0%; Score 41; DB 2; Length 6;	
Best Local Similarity 100.0%; Pred. No. 4.29e+01;	
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Db	1 GRGDSP 6
QY	1 GRGDSP 6
RESULT 14	
ID	PCT-US95-04741-5 STANDARD; PRT: 7 AA.
XX	
AC	xxxxxx
XX	
DT	
XX	
DE	
Sequence 5, Application PC/TUS9504741	
Sequence 5, Application PC/TUS9504741	
GENERAL INFORMATION:	
APPLICANT: La Jolla Cancer Research Foundation	
TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone	
TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis	
NUMBER OF SEQUENCES: 30	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Campbell and Flores	
STREET: 4370 La Jolla Village Drive, Suite 700	
CITY: San Diego	
STATE: California	
COUNTRY: USA	
ZIP: 92122	
COMPUTER READABLE FORM:	
MEDIUM TYPE: Floppy disk	
COMPUTER: IBM PC compatible	
OPERATING SYSTEM: PC-DOS/MS-DOS	
SOFTWARE: PatentIn Release #1.0, Version #1.25	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: PCT/US95/04741	
FILING DATE: 12-APR-1995	
CLASSIFICATION:	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: US 08/227,316	
FILING DATE: 13-APR-1994	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: US 08/303,052	
FILING DATE: 08-SEP-1994	
ATTORNEY/AGENT INFORMATION:	
NAME: Imbra, Richard J.	
REGISTRATION NUMBER: 37,643	
REFERENCE/DOCKET NUMBER: FP-LA 1476	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (619) 535-9001	
TELEFAX: (619)	

CC LENGTH: 7 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
SQ SEQUENCE 7 AA; 716 MW; 306 CN;
Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 GRGDSP 6
QY 1 GRGDSP 6
Search completed: Thu Dec 23 10:09:35 1999
Job time : 7 secs.

CC LENGTH: 7 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: peptide
SQ SEQUENCE 7 AA; 716 MW; 306 CN;
Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 4.29e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 GRGDSP 6
QY 1 GRGDSP 6

RESULT 15
ID PCT-US95-15542-2 STANDARD; PRT; 7 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 2, Application PC/TUS9515542
XX
XX Sequence 2, Application PC/TUS9515542
CC GENERAL INFORMATION:
CC APPLICANT: LA JOLLA CANCER RESEARCH FOUNDATION
CC TITLE OF INVENTION: COOPERATIVE COMBINATIONS OF LIGANDS
CC TITLE OF INVENTION: CONTAINED WITHIN A MATRIX
CC NUMBER OF SEQUENCES: 3
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: CAMPBELL AND FLORES
CC STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CC CITY: SAN DIEGO
CC STATE: CALIFORNIA
CC COUNTRY: UNITED STATES
CC ZIP: 92122
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/15542
CC FILING DATE: 30-NOV-1995
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/347,942
CC FILING DATE: 30-NOV-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/176,999
CC FILING DATE: 03-JAN-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/142,842
CC FILING DATE: 25-OCT-1993
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/978,054
CC FILING DATE: 18-NOV-1992
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/286,973
CC FILING DATE: 20-DEC-1988
CC ATTORNEY/AGENT INFORMATION:
CC NAME: IMBRA, RICHARD J.
CC REGISTRATION NUMBER: 37,643
CC REFERENCE/DOCKET NUMBER: FP-LA 1879
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 619-535-9001
CC TELEFAX: 619-535-8949
CC INFORMATION FOR SEQ ID NO: 2:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 7 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear

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